

# Converting Colors

Hex(3E67FA)

Have a look what the booklet for  
Hex(3E67FA) contains.

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# Color

**Hex(3E67FA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E67FA
RGB	62, 103, 250
RGB Percent	24%, 40%, 98%
CMY	0.7569, 0.5961, 0.0196
CMYK	0.75, 0.59, 0.00, 0.02
HSL	227°, 95%, 61%
HSV	227°, 75%, 98%
XYZ	24.0922, 17.6268, 92.5750
YIQ	107.4990, -71.6230, 37.0250

# Conversions

## Conversions Part 2

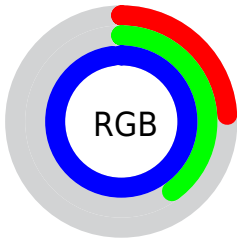
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 96, 250
Decimal	4089850
CIE Lab	49.04, 36.09, -77.33
CIE LCh	49, 85.338, 295.017
Yxy	17.6268, 0.1794, 0.1313
Android (android.graphics.Color)	4282279930 (0xFF3E67FA)
YUV	107.4990, 70.2530, -39.9026
Hunter-Lab	41.9842, 28.9578, -101.3451

# Details

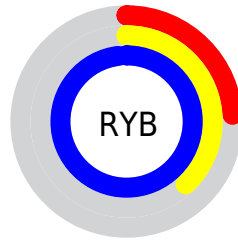
The Hex color **3E67FA** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FAD13E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **879AFF**, and **0039C0** is the 20% darker color. If you saturate the color by 10%, you get **2553FA**, and if you desaturate by 10%, it is **577BFA**.

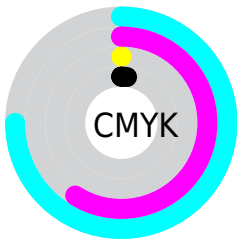
# Distribution



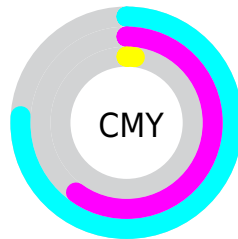
- Red (24%)
- Green (40%)
- Blue (98%)



- Red (24%)
- Yellow (38%)
- Blue (98%)



- Cyan (75%)
- Magenta (59%)
- Yellow (0%)
- Black (2%)



- Cyan (76%)
- Magenta (60%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E67FA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3E67FA by changing the saturation by 10% instead.



■ 3E67FA

■ 3E67FA

FFFFFF

■ 004FDD

■ 879AFF

■ 0039C0

■ A7B4FF

■ 0025A4

■ C6D0FF

■ 001389

■ E6ECFF

■ 00006F

■ 000C55

■ 00063D

■ 000326

■ 00010F

■ 3E67FA

■ 3E67FA

■ 2553FA

■ 577BFA

■ 0C40FA

■ 708EFA

■ 0037FA

■ 89A2FA

■ A2B5FA

■ BBC9FA

■ D4DCFA

■ EDF0FA

■ FFFFFA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0082FF



3E67FA



BC37C9

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3E67FA



CC4A00



009166

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3E67FA



FAD13E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008C0E



3E67FA



986E00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3E67FA



EA003D



538200



0092B0

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3E67FA



DF009C



538200



00904C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3E67FA



C4D1FF



3EFACE



5C6480



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3E67FA



194CFF



703EFA



70737D



0029BD



000D3D



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FA3E67



FF194C



C8FA3E



7D7073



BD0029



3D000D



# Previews

## White Background



This preview shows how the Hex color 3E67FA looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

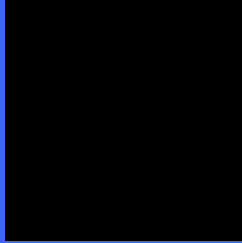
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E67FA Background



This preview shows how black text looks on a background with the Hex color 3E67FA.

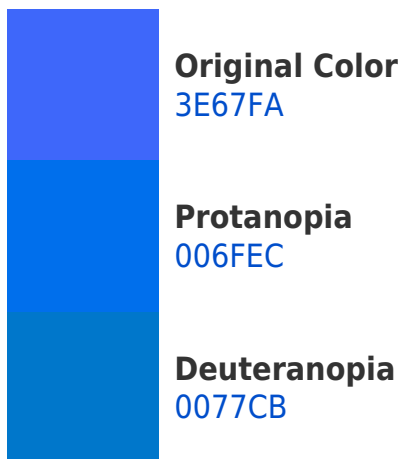


This preview shows how white text looks on a background with the Hex color 3E67FA.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

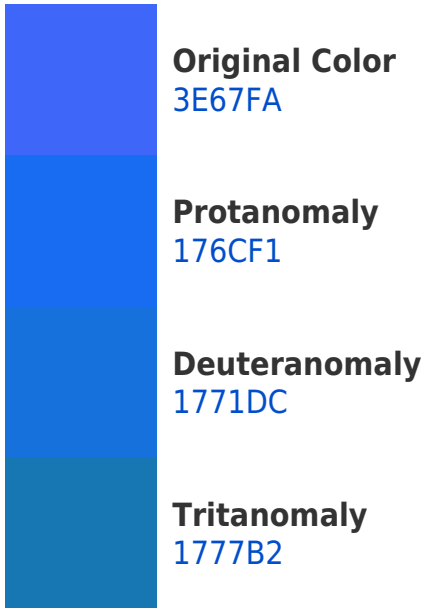
## Dichromacy



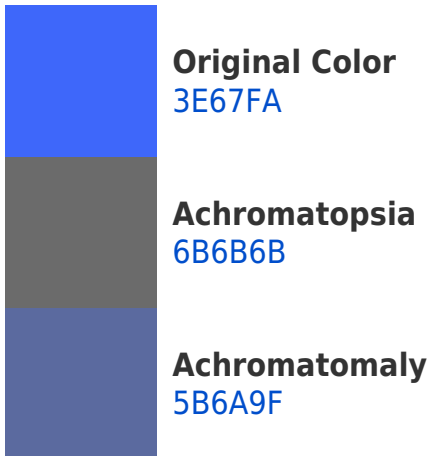


**Tritanopia**  
008089

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E67FA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3E67FA looks like.

```
.text, #text, p{  
    color:#3E67FA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3E67FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E67FA
}
```

## Border

The CSS property to change the border of an element to Hex 3E67FA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E67FA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3E67FA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3E67FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E67FA; -webkit-box-shadow:4px 4px  
4px 4px #3E67FA; box-shadow:4px 4px 4px  
4px #3E67FA }
```

# Background

The CSS property to change the background color of an element to Hex 3E67FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E67FA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3E67FA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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